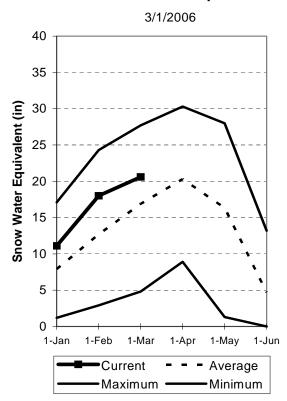
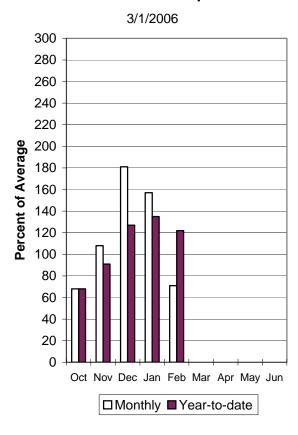
## Bear River Basin March 1, 2006

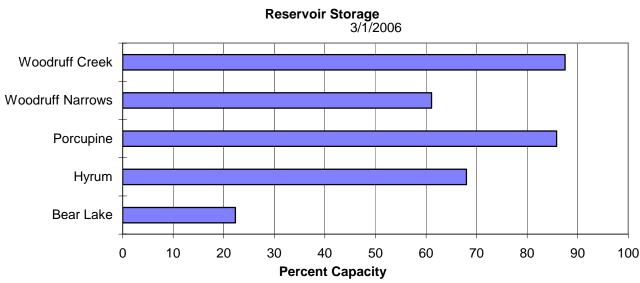
Snowpacks on the Bear River Basin are above average at 121% of normal, about 118% of last year and down 21% relative to last month. Specific sites range from 87% to 174% of normal. February precipitation was below average at 71%, which brings the seasonal accumulation (Oct-Feb) to 122% of average. Soil moisture levels in runoff producing areas are at 58% of saturation in the upper 2 feet of soil compared to 68% last year. Forecast streamflows range from near to above average (109%-129%) volumes this spring. Reservoir storage is extremely low at 25% of capacity, 21% more than last year. The Surface Water Supply Index is at 21% for the Bear River, or 79% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage but improved significantly over last two years.





## **Bear River Precipitation**





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## BEAR RIVER BASIN Streamflow Forecasts - March 1, 2006

		<pre>&lt;&lt;===== Drier ===== Future Conditions ====== Wetter ====&gt;&gt;  </pre>						 
Forecast Point	Forecast Period	   ======   90%   (1000AF)	70% (1000AF)	= Chance Of E 50 (1000AF)		30% (1000AF)	====== 10% (1000AF)	   30-Yr Avg.   (1000AF)
Bear River nr UT-WY State Line	APR-JUL	96	113	125	111	137	154	113
Bear River ab Reservoir nr Woodruff	APR-JUL	101	129	148	109	167	195	136
Big Creek nr Randolph	APR-JUL	4.0	5.1	5.8	118	6.5	7.6	4.9
Smiths Fork nr Border	APR-JUL	103	117	126	122	135	149	103
Bear River at Stewart Dam	APR-JUL	170	216	250	107	287	345	234
Little Bear River at Paradise	APR-JUL	34	44	52	113	60	74	46
Logan R Abv State Dam Nr Logan	APR-JUL	126	147	163	129	179	205	126
Blacksmith Fk Abv Up&L Dam Nr Hyrum	APR-JUL	38	50	59	123	69	84	48

BE Reservoir Storage	BEAR RIVER BASIN Watershed Snowpack Analysis - March 1, 2006							
Reservoir	Usable   Capacity	*** Usa This Year	ble Storag Last Year	e *** Avg	Watershed	Number of ta Sites	This Year	
BEAR LAKE	1302.0	290.3	17.0		BEAR RIVER, UPPER (abv Ha	6	108	118
HYRUM	15.3	10.4	10.4	11.0	BEAR RIVER, LOWER (blw Ha	8	126	124
PORCUPINE	11.3	9.7	7.0	5.6	LOGAN RIVER	4	119	132
WOODRUFF NARROWS	57.3	35.0	19.0	27.6	RAFT RIVER	1	239	174
WOODRUFF CREEK	4.0	3.5	2.0		BEAR RIVER BASIN	14	119	122

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

<sup>(2) -</sup> The value is natural volume - actual volume may be affected by upstream water management.